

# ANNOUNCEMENT

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## Welcome to the physics portal

The *Nature* physics portal is a new online resource for physicists, providing highlights of the latest research papers and education.

### Message from the Editor:

The *Nature* physics portal is now six months old. In that time, more than 30,000 physicists worldwide have registered as members.

On 31 August, our introductory offer of free access to all *Nature* content through the physics portal came to an end. A substantial part of the portal content remains free to all registered members, including news, research highlights, looking back, magazine and renaissance physicist. To read the full text of *Nature* papers and News and Views articles, a subscription is now required.

We hope that you will continue to enjoy the *Nature* physics portal. Let us know what you think, what you like or dislike, or if you have suggestions for new features on the site. Please send your comments to me at [physics@nature.com](mailto:physics@nature.com).

Alison Wright, Editor, *Nature* physics portal

## newinnature

The table of contents of this week's *Nature*, selected especially for physicists

## researchhighlights

### Black hole shows flare

X-ray flaring signals black hole at Galactic Centre (*Nature*, 6 September 2001)



### Spin ice rules OK

Frustrated magnetic moments show ice-like dynamics at low temperature (*Nature*, 6 September 2001)



### Swell time for superconductivity

Lattice-expanded  $C_{60}$  is a high-temperature superconductor (*Scienceexpress*, 30 August 2001)



### Knotty problem

A chaotic chain ties itself in knots (*Physical Review Letters*, 24 August 2001)



More highlights...

## lookingback..

Classic physics papers from *Nature's* archive. Featuring this week: A proposal for television

## biologyforphysicists

An occasional section that aims to help you keep up with the sometimes mystifying world of modern biology. Currently featuring Genomes and gene chips: the data onslaught begins

## researchcollections

Browse *Nature's* recent archive of physics research and comment, collected by subfield

## news

From *Nature*, 6 September 2001

Fears for basic science as Bush backs use of investment criteria

Japan seeks shake-up on science lessons

Stanford gift scaled back over federal stem-cell policy

Relief as Japan's H-IIA rocket soars at last

Russian programmer charged in US

Journal boycott presses demand for free access opinion: The future of electronic scientific literature

more news stories...

## problempage

## magazine

Stimulating and informative reading from *Nature's* 'magazine' sections

## renaissancephysicist

Short, readable articles on everything but physics, to keep you well-rounded

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## Welcome to the Physics

The nature physics portal is a one-stop resource for physicists. Providing highlights of the latest research in *Nature* and elsewhere

## innature

The table of contents of this week's *Nature*, selected especially for physicists

## Quantum butterfly accelerates decoherence

Quantum structure at sub-Planck scales (*Nature*, 16 August 2001)



## Ion beams to order

Crystal-gazing in accelerator physics (*Nature*, 16 August 2001)



## Two-dimensional metal

Evidence for a zero-temperature quantum phase transition in a two-dimensional electron gas (*Phys. Rev. Lett.*, 3 August 2001)

## Physics in biology: insect flight

How do flies fly? (*Nature*, 16 August 2001)

More highlights...

## looking back...

Classic physics papers from *Nature's archive*  
 This week: The quantum entanglement

## biology for physicists

An occasional section that aims to help you keep up with the sometimes mystifying world of modern biology. Currently featuring **Genomes and gene chips: the data onslaught**

## research collections

From *Nature's* archive: highlights of physics research and discussion, collected by authors

From *Nature*, 16 August 2001  
 opinion: E-optimism on a tide of red ink

Nigeria takes the initiative in African science

Russia and United States open airlock to more astrotourists

New Zealand nuclear sailors on course for court case

Japanese institute cleared of conspiracy

Chemistry journal reacts to dispute

Red rain leaves Indian scientists battling demons  
 more news stories...

## problem page

Stimulating and informative reading from *Nature's* 'magazine' sections

## renaissance physicist

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Welcome to the Physics Portal

The nature physics portal is a one-stop re

## innature

The table of contents of this week's *Nature*, selected especially for physicists

### Heavy metal stars

Spectral signature of s-process nucleosynthesis (*Nature*, 23 August 2001)

### Lasers ignite energy production

'Fast ignition' could fulfil fusion promise (*Nature*, 23 August 2001)

### Inconstant constant?

The fine-structure constant may have been smaller in the past (*Phys. Rev. Lett.*, 9 August 2001)

### Physics in biology: echinoderm optics

Micro lens array helps brittlestar see the light (*Nature*, 23 August 2001)

More highlights...



## researchcollections

Browser-friendly presentation of physics research and comments collected by physicists

NEWS

From *Nature*, 23 August 2001

Flickering light raises possibility of changing 'constant'

Boost for terascale computer research

Code-breakers reveal results as threat of legal action is lifted

Japan to train space laser on potential green fuel solution

Fresh faces for British science funding

Staff suggest cure for Smithsonian woes

opinion: Declaration of financial interests

more news stories...

problem

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Classic physics papers from *Nature's* archive

Featuring this week: *Integer*

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**ANNOUNCEMENT**

**Conference / Symposium / Meetings**

## **Biophysical Society—46th Annual Meeting**

February 23–27, 2002

San Francisco

California

USA

**Abstract Deadline : October 7, 2001**

**Meeting Information & Updates :**

<http://www.biophysics.org>

E-mail : [Society@biophysics.org](mailto:Society@biophysics.org)

Fax : 301-530-7133

Phone : 301-530-7114

Co-ordinator : Meredith Bend

(Program Committee)